

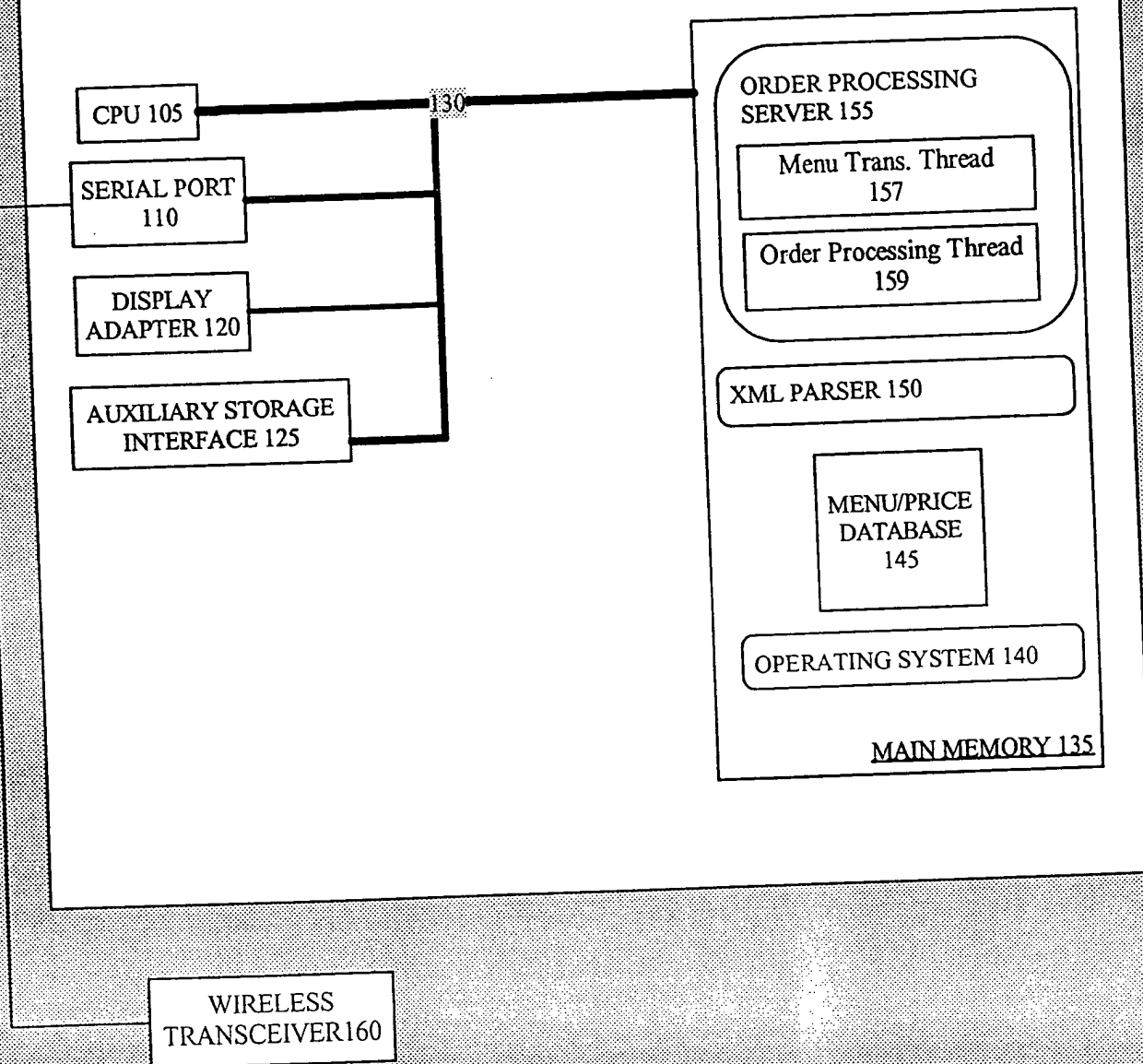
SERVER 100

Figure 1

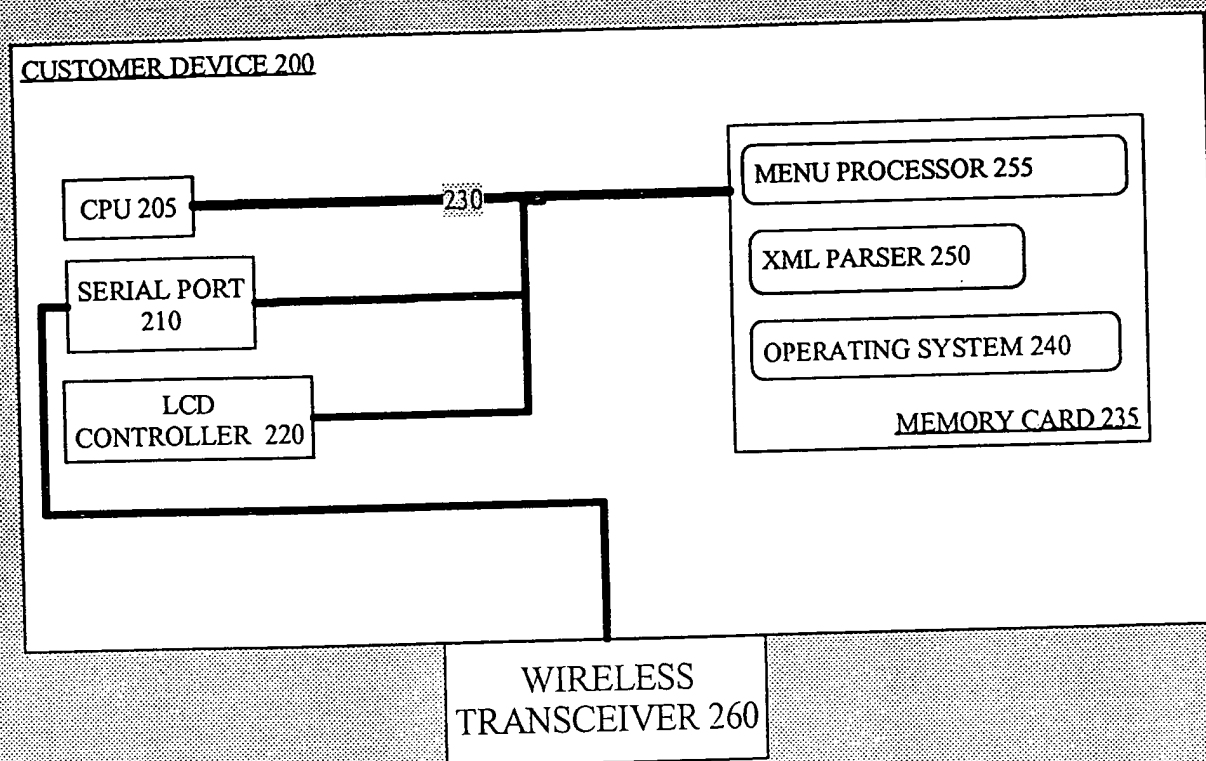


Figure 2

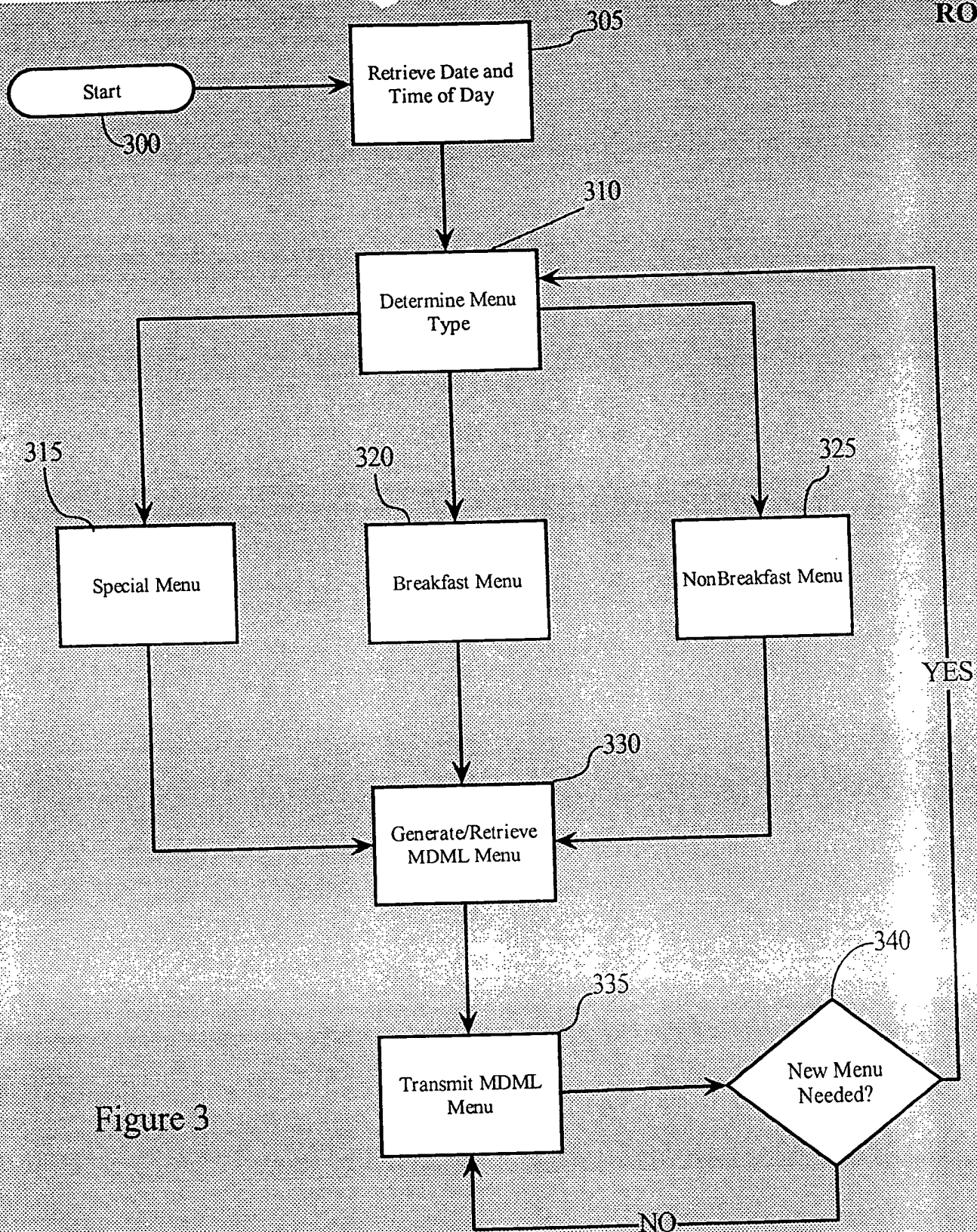


Figure 3

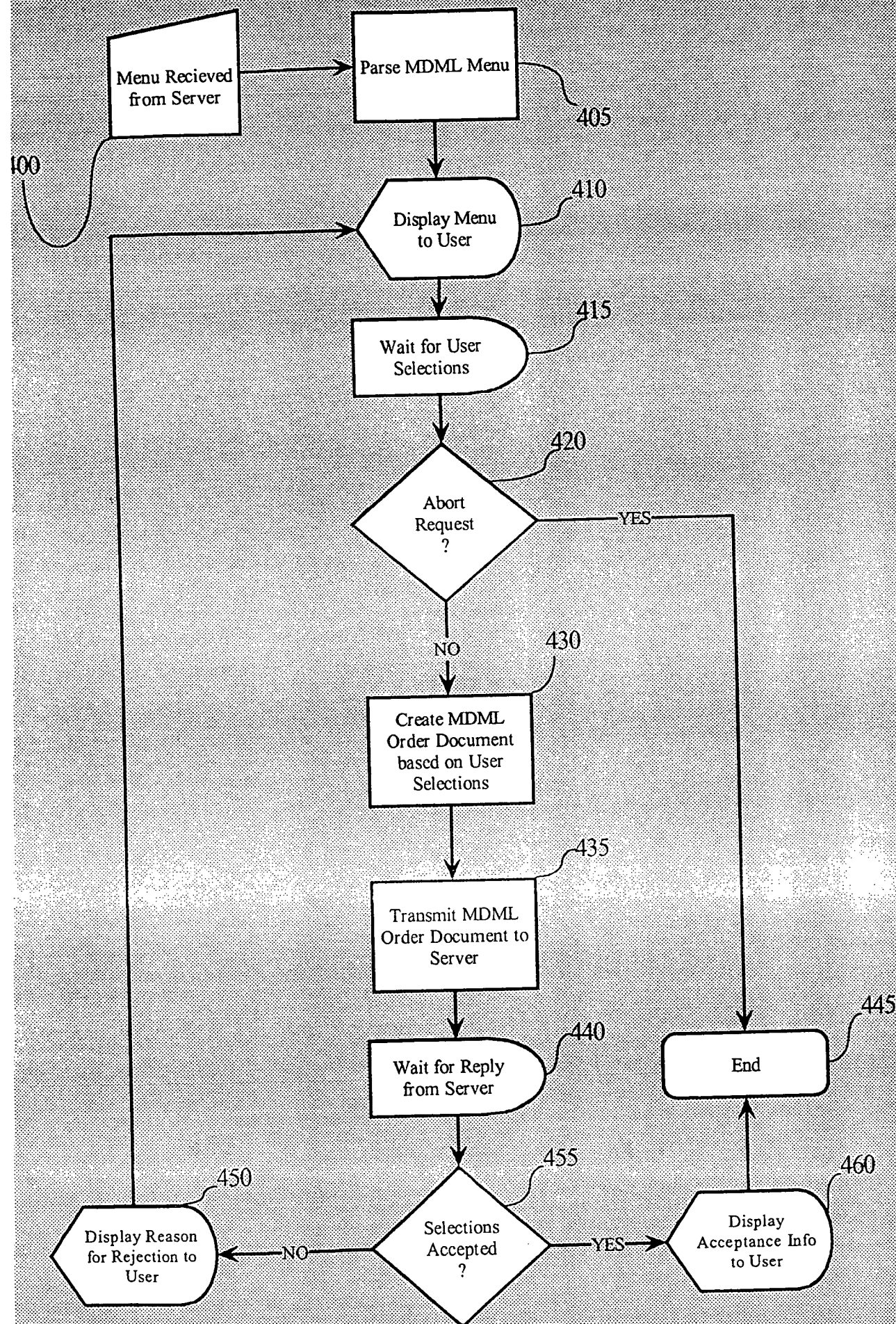


Figure 4

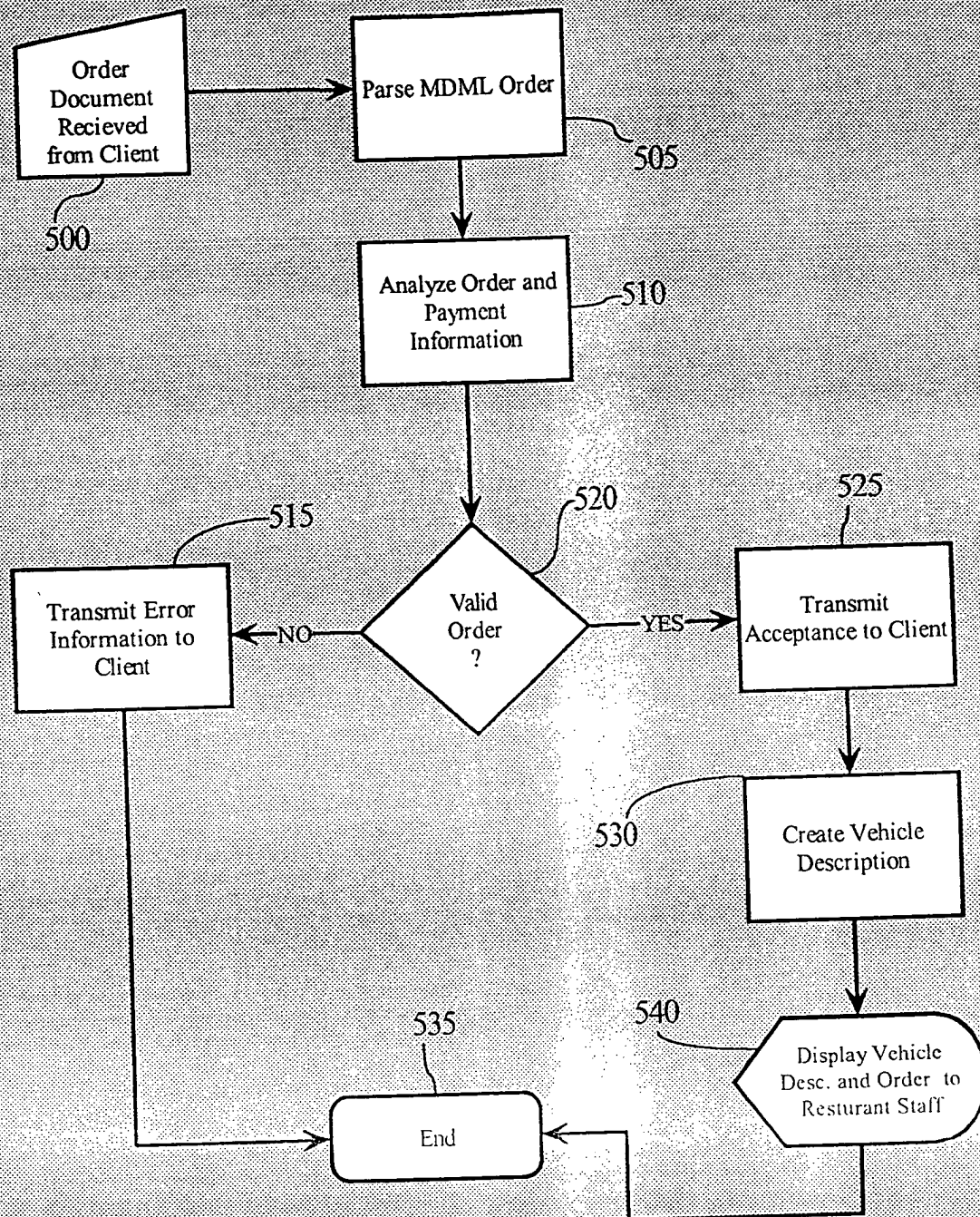


Figure 5

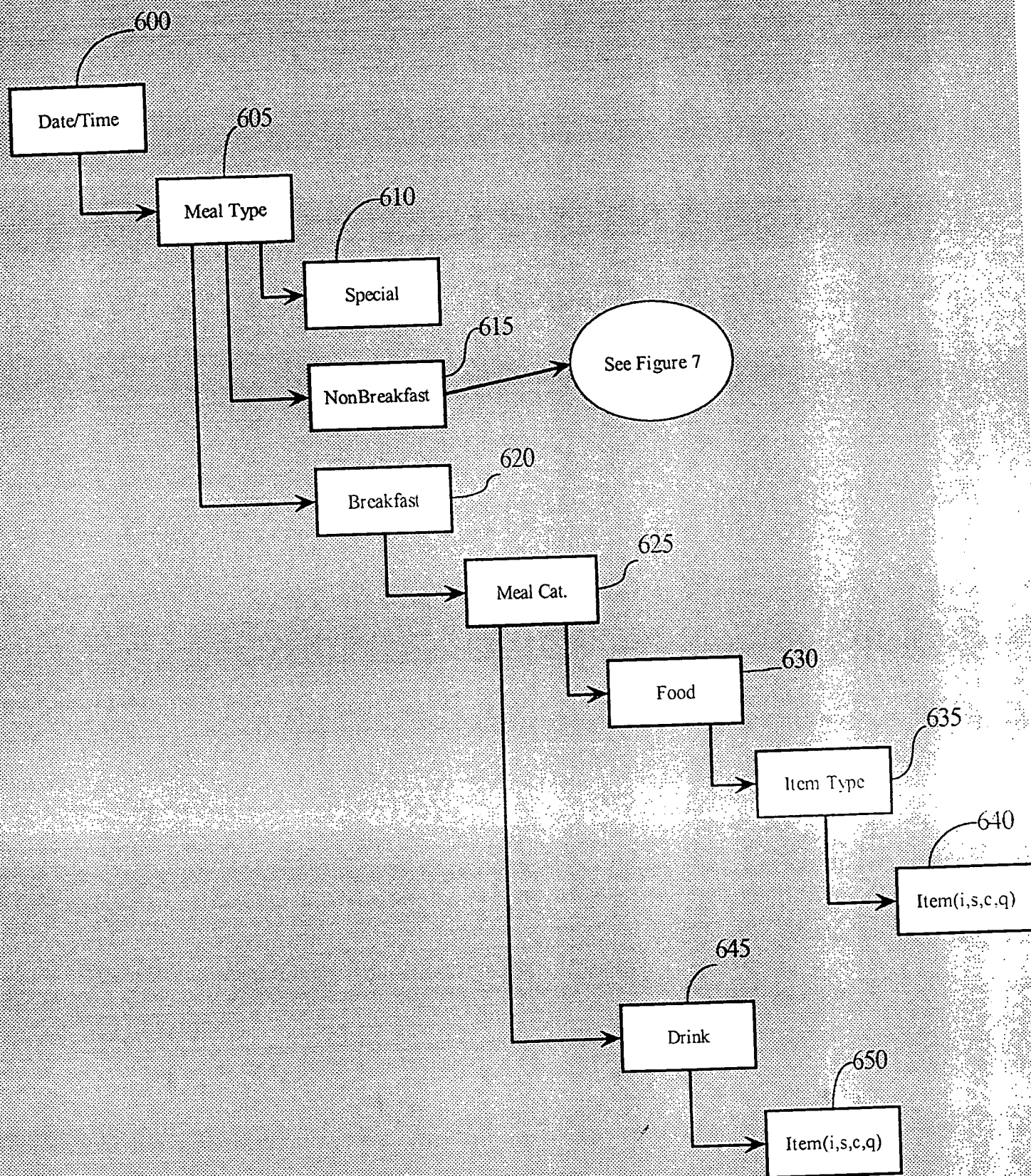


Figure 6

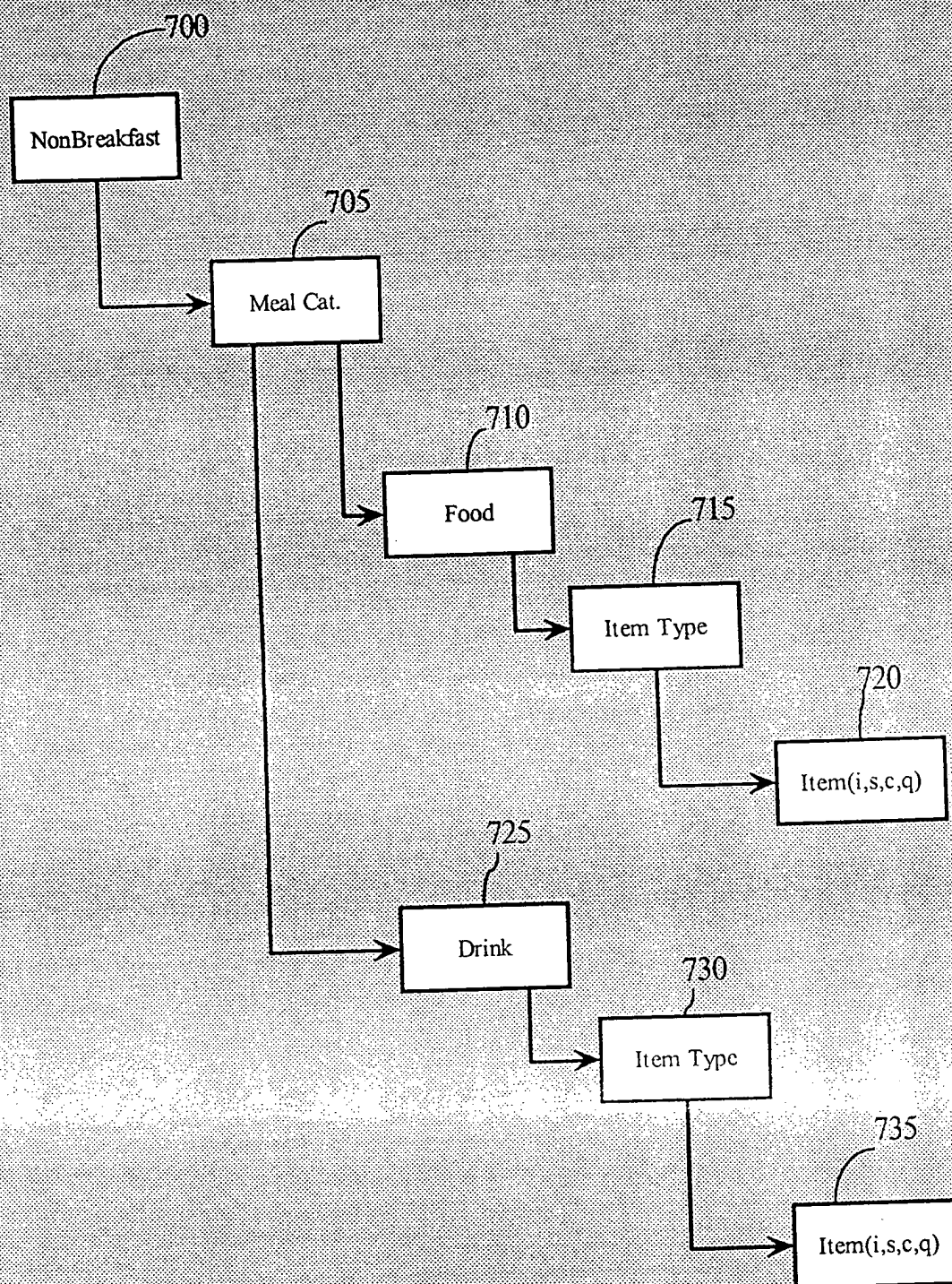


Figure 7

```

      <?xml version="1.0" encoding="UTF-8"?>
      <!-- menu.dtd. -->
800 ~ <!ELEMENT MENU (TIMESTAMP, MEALTYPE+) >
801 ~ <!ELEMENT ORDER (TIMESTAMP, VEHID, PYMT, MEALCAT*) >
      <!-- ***** -->
802 ~ <!ELEMENT VEHID (#PCDATA) >
803 ~ <!ELEMENT PYMT (#PCDATA) >
      <!-- ***** -->
805 ~ <!ELEMENT TIMESTAMP (DATE, TIME) >
807 ~ <!ELEMENT DATE (#PCDATA) >
809 ~ <!ELEMENT TIME (#PCDATA) >
      <!-- ***** -->
811 ~ <!ELEMENT MEALTYPE (MEALCAT+) >
813 ~ <!ATTLIST MEALTYPE name CDATA #REQUIRED >
      <!-- ***** -->
815 ~ <!ELEMENT MEALCAT (ITEMTYPE*, ITEM*) >
817 ~ <!ATTLIST MEALCAT category CDATA #REQUIRED >
819 ~ <!ELEMENT ITEMTYPE (ITEM+) >
821 ~ <!ATTLIST ITEMTYPE type CDATA #REQUIRED >
      <!-- ***** -->
823 ~ <!ELEMENT ITEM EMPTY >
825 ~ <!ATTLIST ITEM type CDATA #REQUIRED
      size CDATA #REQUIRED
      price CDATA #REQUIRED
      quantity CDATA #IMPLIED >

```

Figure 8

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902 ~ <?xml version="1.0"?>
      <!-- Breakfast Menu -->
      <!-- ABC Restaurant -->
      <!-- Generated: 01/28/99 06:00:00 -->
905 ~ <!DOCTYPE MENU SYSTEM "menu.dtd" >
      <MENU>
910 ~   <TIMESTAMP>
915 ~     <DATE> "JANUARY 28, 1999" </DATE>
      <TIME> "07:53:22" </TIME>
      </TIMESTAMP>
925 ~   <MEALTYPE name="BREAKFAST">
930 ~     <MEALCAT category="FOOD">
          <ITEMTYPE type="MEAL">
              <ITEM type="LITEMEAL" size="N/A" price="$2.89"></ITEM>
              <ITEM type="HUNGRYMEAL" size="N/A" price="$4.89"></ITEM>
          </ITEMTYPE>
935 ~     <ITEMTYPE type="SANDWICH">
          {
940 ~       <ITEM type="SAUSAGE-EGG" size="N/A" price="$1.89"></ITEM>
          <ITEM type="BACON-EGG" size="N/A" price="$1.89"></ITEM>
          <ITEM type="HAM-EGG" size="N/A" price="$1.89"></ITEM>
          }
          </ITEMTYPE>
941 ~   <ITEMTYPE type="SIDEORDER">
              <ITEM type="HASHBROWNS" size="S" price="$0.89"></ITEM>
              <ITEM type="HASHBROWNS" size="M" price="$1.09"></ITEM>
              <ITEM type="HASHBROWNS" size="L" price="$1.29"></ITEM>
              <ITEM type="MUFFIN" size="N/A" price="$1.39"></ITEM>
              <ITEM type="ROLL" size="N/A" price="$1.39"></ITEM>
          </ITEMTYPE>
      </MEALCAT>
942 ~   <MEALCAT category="DRINK">
              <ITEM type="MILK" size="N/A" price="$0.89"></ITEM>
              <ITEM type="COFFEE" size="R" price="$1.09"></ITEM>
              <ITEM type="COFFEE" size="L" price="$1.29"></ITEM>
              <ITEM type="ORANGEJUICE" size="N/A" price="$0.89"></ITEM>
              <ITEM type="APPLEJUICE" size="N/A" price="$0.89"></ITEM>
          </MEALCAT>
      </MEALTYPE>
      </MENU>
```

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Figure 9

```
1062 ~ <?xml version="1.0"?>
1065 ~ <!DOCTYPE ORDER SYSTEM "menu.dtd">
1067 ~ <ORDER>
      {
1010 ~   <TIMESTAMP>
         <DATE> "JANUARY 28, 1999" </DATE>
         <TIME> "07:59:22" </TIME>
      } </TIMESTAMP>
1015 ~   <VEHID>97,TAN,FORD,TRUCK,2175</VEHID>
1017 ~   <PYMT>VISA,1234123412341234</PYMT>

      <MEALCAT category="FOOD">
        <ITEMTYPE type="SANDWICH">
1020 ~   <ITEM type="SAUSAGE-EGG" size="N/A" price="$1.89" quantity="2"></ITEM>
        </ITEMTYPE>
        <ITEMTYPE type="SIDEORDER">
1025 ~   <ITEM type="HASHBROWNS" size="S" price="$0.89" quantity="1"></ITEM>
        </ITEMTYPE>
      </MEALCAT>
      <MEALCAT category="DRINK">
1030 ~   <ITEM type="MILK" size="N/A" price="$0.89" quantity="1"></ITEM>
      </MEALCAT>
    </ORDER>
```

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Figure 10